

- (d) at least five contiguous linked units having reactive groups,
- (e) at least ten contiguous linked units having reactive groups,
- (f) at least fifteen contiguous linked units having reactive groups, and
- (g) at least twenty contiguous linked units having reactive groups,

5 wherein the reactive groups are selected from the group consisting of amines, aldehydes, aliphatic amines and lysines.

63. The method of claim 51, wherein the agent is selected from the group consisting of OPAA anhydrolase and squid type OPA anhydrolase.

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64. A kit comprising

a microparticle comprising surface available reactive groups in an amount sufficient to attach the microparticle to a skin surface in the presence of lysine oxidase, and lysine oxidase.

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65. The kit of claim 64, further comprising instructions for topically administering the microparticle to a skin surface.

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66. The kit of claim 64, further comprising a complementary linker.

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67. The kit of claim 64, wherein the surface available reactive groups selected from the groups consisting of amines, aldehydes, aliphatic amines and lysines.

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68. The kit of claim 64, wherein the microparticle further comprises an agent, an active agent, a non-nucleic acid active agent, or a non-protein active agent.

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69. The kit of claim 68, wherein the active agent is selected from the group consisting of a cosmetic agent, a bulking agent, a hair conditioning agent, a hair fixative, a sunscreen agent, a moisturizing agent, a depilatory agent, an anti-nerve gas agent, a film forming agent, a vitamin, an insect repellent, a coloring agent, a pharmaceutical agent, a ligand-receptor complex and a receptor of a ligand-receptor complex.

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86. The composition of claim 82, wherein the agent is not itself a substrate of lysine 5 oxidase and is not able to react with lysine oxidase products.

87. The composition of claim 82, wherein the microparticle further comprises a synthetic polymer, preferably the synthetic polymer is latex or polystyrene.

10 88. The composition of claim 87, wherein the polymer rich in reactive groups is covalently linked to the synthetic polymer.

89. The composition of claim 82, wherein the microparticle is porous.

15 90. The composition of claim 82, wherein the microparticle has a size selected from the group consisting of greater than 5 μm , less than 5 μm , less than 1 μm , 100 nm to 500 nm, less than 100 nm, 20 nm to 90 nm, 20 nm to 35 nm, less than 20 nm, 1 nm to 10 nm, and 5 nm to 10 nm.

20 91. The composition of claim 82, wherein the lysine oxidase is exogenous lysine oxidase.

92. The composition of claim 82, wherein the reactive groups are surface available in an amount sufficient to attach the microparticle to a skin surface in the presence of exogenous lysine oxidase.

25 89. The composition of claim 82, wherein the polymer rich in units having reactive groups is covalently attached to the microparticle.

90. The composition of claim 82, wherein the polymer rich in units having reactive groups 30 comprises a polymer of amino acids and wherein at least 50% of the amino acids are lysine, or the polymer rich in reactive groups is reactive group rich at a surface available terminus, or